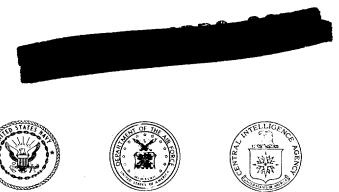
NPIC/R-1083/63

February 1963

PHOTOGRAPHIC INTERPRETATION REPORT

#### IPIR

# **BRASS KNOB MISSION 3415 10 FEBRUARY 1963**



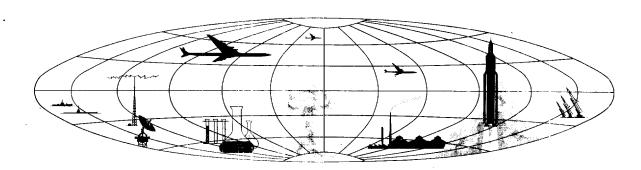








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#### WARNING

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#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOULOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3415, DATED 10 FEBRUARY 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

-MISSILES-

SAN CRISTOBAL MRBM SITE 1 2240N 08317W

ARCH-ROOFED BUILDING REMAINS. NO UNUSUAL ACTIVITY OBSERVED.

25X1D

SAN CRISTOBAL MRBM SITE 3 2242N Ø83Ø8W

25X1D ARCH-ROOFED BUILDING REMAINS. NO ACTIVITY OBSERVED.

GUANAJAY IRBM SITE 1 2257N Ø8239W

25X1D NO ACTIVITY OR MILITARY EQUIPMENT OBSERVED.

SAN CRISTOBAL MRBM SITE 4 2246N Ø8258W

25X1D SITE APPEARS ABANDONED. NO ACTIVITY NOTED.

GUANAJAY IRBM SITE 2 2257N Ø8236W

SITE ABANDONED, NO ACTIVITY NOTED. APPROXIMATELY 10 VEHICLES IN SUPPORT AREA BETWEEN SITES 1 AND 2.

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25X1A

25X1A

NPIC/R-1083/63

25X1D

25X1A

TAPASTE AREA, STORAGE SITES 2303N 08207W

NINE BUNKERS (3 UNDER CONSTRUCTION, 2 COMPLETED WITH VENTILATORS, AND 3 COMPLETED AND EARTH COVERED WITH VENTILATORS) AND ONE PROBABLE EARTH-COVERED BUNKER.

NO APPARENT CHANGE IN 6 AREAS ON EDGE OF CLIFF ONE NM EAST.

25X1D

SANTO TOMAS AREA, SUSPECT SSM ACTIVITY 2233N Ø8351W 25X1D NO MISSILE-RELATED ACTIVITY NOTED.

BELLAMAR, SUSPECT SSM ACTIVITY 2302N 08133W

NO MISSILE OR NEW MILITARY ACTIVITY NOTED.

MATANZAS CITY, LA CUMBRE ALTA 2304N 08133W

NO MILITARY OR UNUSUAL ACTIVITY NOTED.

SANTA LUCIA SAM SITE 2241N Ø8355W

SITE INCLUDES 6 REVETTED, OCCUPIED LAUNCH SITES (4 CANVAS-COVERED), AND 4 MISSILE TRANSPORTERS IN HOLD POSITIONS. GUIDANCE AREA IS OCCUPIED.

25X1D

25X1D

25X1D

NPIC/R-1Ø83/63

25X1A

LA COLOMA SAM SITE 2218N Ø8332W

SITE CONTAINS 6 REVETTED LAUNCHERS AND CENTRAL GUIDANCE AREA. OBLIQUITY PRECLUDES FURTHER 25X1D INTERPRETATION.

MARIEL SAM SITE 2300N 08249W

SITE INCLUDES 5 LAUNCHERS IN REVETMENTS APPARENTLY WITH MISSILES, FAN SONG RADAR AND ASSOCIATED EQUIPMENT, 7 MISSILE TRANSPORTERS IN HOLD AREA, AND 14 TRACKED PRIME MOVERS.

25X1D

MATANZAS SAM SITE 2301N 08129W

SIX CANVAS-COVERED LAUNCHERS AND AT LEAST 5 CANVAS-COVERED MISSILE TRANSPORTERS OBSERVED. 25X1D OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

BAHIA HONDA SAM SITE 2257N Ø8317W

ALL LAUNCH POSITIONS AND THE GUIDANCE AREA ARE REVETTED AND OCCUPIED. SEVEN MISSILE TRANSPORTERS IN HOLD POSITIONS AND APPROXIMATELY 10 UNIDENTIFIED VEHICLES ON PARKING APRON.

25X1A

HAVANA SAM SITE 2309N 08213W

SITE INCLUDES 6 CANVAS-COVERED LAUNCHERS, ONE FAN SONG RADAR AND ASSOCIATED EQUIPMENT, AND 6 PROBABLE MISSILES ON TRANSPORTERS UNDER CANVAS.

25X1D

NPIC/R-1Ø83/63

25X1A

SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA 2257N Ø8221W

AREA CONTAINS AT LEAST 20 MISSILE TRANSPORTERS, 5 LOW-BOY TRAILERS AND 7 ADDITIONAL VEHICLES. UNDETERMINED NUMBER OF CANVAS-COVERED PROBABLE MISSILE CANISTERS AND UNIDENTIFIED OBJECTS IN OPEN STORAGE.

25X1D

LOMA DE TIERRA, MILITARY CAMP 2301N 08213W

25X1D

APPROXIMATELY 250 VEHICLES (PARKED IN ROWS) AND 9 LOWBOY TRAILERS (6 CANVAS COVERED) OBSERVED.

MANAGUA SAM SITE 2259N Ø8215W

FIVE LAUNCH REVETMENTS ARE NOW COMPLETE AND THE SIXTH IS IN THE LATE STAGES OF CONSTRUCTION. THE PERIMETER ROAD AND THE INTERIOR ACCESS ROADS ARE BEING COVERED WITH LIMESTONE.
FOUR LARGE, ONE MEDIUM, AND 3 SMALL TENTS REMAIN, AND APPROXIMATELY 16 VEHICLES ARE IN THE AREA. NO MISSILE-RELATED EQUIPMENT OBSERVED.
A GUARD HOUSE WITH A LIFT-TYPE BARRIER GATE OBSERVED ON THE ACCESS ROAD. NO OTHER SPECIAL SECURITY

25X1D FENCING NOTED.

SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE 2309N 08156W

ONE PROBABLE LAUNCHER IN PARKING AREA. TWO CANVAS-COVERED LAUNCHERS, 10 CRUISE-MISSILE SHIPPING CRATES, APPROXIMATELY 18 PROBABLE TRACKED PRIME MOVERS, AND CANVAS-COVERED OBJECTS IN SEVERAL LOCATIONS OBSERVED.

.25X1D

25X1A

CAMPO FLORIDA CRUISE-MISSILE SITE 2306N 08211W

SITE CONTAINS 2 CANVAS-COVERED LAUNCHERS, 6 MISSILE TRANSPORTERS, 3 POSSIBLE MISSILES

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25X1A

25X1D

25X1D

25X1D

UNDER CANVAS-COVER, 8 CRUISE-MISSILE SHIPPING CRATES, 8 TRACKED PRIME MOVERS, AND 9 OPEN-BED TRUCKS.

GUERRA POSSIBLE CRUISE-MISSILE SITE 2300N 08250W

FORTY-SIX CRUISE-MISSILE CRATES REMAIN. NO

25X1D APPARENT C

25X1D

-AIRFIELDS-

SAN ANTONIO DE LOS BANOS AIRFIELD 2252N Ø8231W

AIRCRAFT — A TOTAL OF 51, INCLUDING 2 FARMER, 25 FAGOT/FRESCO, 3 CRATE, 3 CAB, 2 BRIGADYR, 10 B-26, 3 PROBABLE T-6, AND 3 PROBABLE T-33.

25X1D 3 PROBABLE T-6, AND 3 PROBABLE T-NO APPARENT CHANGE IN FACILITIES.

JOSE MARTI INTERNATIONAL AIRFIELD 2300N 08224W

AIRCRAFT -- 3 CONSTELLATION, 4 C-54, 2 VISCOUNT, 3 CRATE, 4 C-47, ONE LODESTAR, 3 LIAISON, ONE B-26, ONE BRITANNIA, AND ONE C-46.

CAMPO LIBERTAD AIRFIELD 2306N 08226W

AIRCRAFT -- 8 COLT, 8 CREEK, ONE PBY, ONE T-6, 20 LIAISON-TYPE, 5 PROBABLE BRIGADYR, 7 ZLIN TRENER, 2 SMALL BIPLANES, AND ONE UNIDENTIFIED SINGLE-ENGINE.

MARIEL NAVAL AIR STATION 2300N 08246W

AIRCRAFT -- NONE OBSERVED.

APPROXIMATELY 20 VEHICLES, 25 SMALL VEHICLES OR
PIECES OF EQUIPMENT, AND 20 CRATES REMAIN.

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25X1A

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25X1D

PLAYA BARACOA AIRFIELD 2302N 08235W

25X1A

AIRCRAFT -- 52 HOUND, 12 HARE, AND ONE C-47. FORTY HELICOPTER CRATES OBSERVED.
NO OTHER APPARENT CHANGE IN FACILITIES OR EQUIPMENT.

25X1D

25X1A

MANAGUA AIRFIELD 2258N Ø8217W

AIRCRAFT -- NONE OBSERVED.

PARKING AREA NORTH OF FIELD CONTAINS APPROXIMATELY
65 SMALL VEHICLES, 21 OPEN-BED TRUCKS TOWING SMALL
FLAT-BED TRAILERS, 10 SIMILAR TRAILERS, AND 5 OTHER
VEHICLES. AREA JUST TO THE EAST CONTAINS 12
ADDITIONAL VEHICLES AND 6 PROBABLE PERSONNEL CARRIERS.

25X1D

PINAR DEL RIO AIRFIELD 2225N Ø8341W

25X1A

AIRCRAFT -- ONE LIAISON.

NO UNUSUAL ACTIVITY OBSERVED. NO APPARENT CHANGE
25X1D IN FACILITIES.

-PORTS-

MARIEL PORT 2301N 08245W

25X1A

VESSELS -- ONE LARGE FREIGHTER AT LA BOCA PIER, 11 KOMAR-CLASS PGMG, ONE PF, ONE KRONSTADT-CLASS PC, 25X1D 2 PT, AND NUMEROUS SMALL CRAFT AND BARGES.

SANTA LUCIA PORT 2240N 08358W

25X1A

SEVERAL SMALL VESSELS OBSERVED. NO LARGE VESSELS AND NO UNUSUAL OR MILITARY ACTIVITY NOTED.

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25X1D

25X1A

MATANZAS PORT 2303N 08134W

25X1D

VESSELS -- ONE FREIGHTER AND ONE ORE CARRIER.

SURGIDERO DE BATABANO NAVAL PORT 2241N Ø8218W

25X1D

VESSELS -- ONE BARGE AT LARGE PIER, ONE SMALL CRAFT NEXT TO BARGE, AND NUMEROUS SMALL CRAFT IN HARBOR.

HAVANA PORT 2308N 08221W

VESSELS -- 2 PC, 4 PT, 2 PF, ONE KOMAR-CLASS PGMG ON MARINE RAILWAY, 32 FREIGHTERS, 2 TANKERS, 3 PROBABLE TRAWLERS, 2 COASTAL TANKERS, 4 COASTAL FREIGHTERS. AND NUMEROUS SMALL CRAFT. APPROXIMATELY 1,100 TRUCKS IN VEHICLE PARK TO THE SOUTH OF THE PORT AREA.

25X1D

25X1A

CABANAS PORT 2259N Ø8256W

VESSELS -- ONE LARGE FREIGHTER. 25X1D

NO UNUSUAL OR MILITARY ACTIVITY OBSERVED.

BAHIA HONDA PORT 2255N Ø8311W

NO VESSELS OR MILITARY ACTIVITY NOTED. 25X1D

-COMMUNICATIONS-

HAVANA AREA, COMMUNICATIONS CENTER 2300N 08226W

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NPIC/R-1Ø83/63

NO APPARENT CHANGE IN FACILITY OR VEHICLE COUNT.

25X1D

#### -MILITARY ACTIVITY-

25X1A

LA FLORA AREA, MILITARY STORAGE 2252N Ø8233W

AT LEAST 55 STRUCTURES AND APPROXIMATELY 20 VEHICLES OBSERVED: IN AREA. FOLIAGE: PRECLUDES FURTHER INTERPRETATION.

25X1D

25X1A

ARTEMISA, MILITARY CAMP 2251N Ø8248W

25X1D

NO APPARENT CHANGE IN CAMP AND FROG MISSILE AREA.
AAA SITES REMAIN OCCUPIED. QUALITY OF PHOTOGRAPHY
PRECLUDES ACCURATE VEHICLE COUNT OR IDENTIFICATION.

LA BOCA, MILITARY CAMP 2301N 08242W

MAIN AREA CONTAINS 4 LARGE TENTS, ONE SMALL TENT, AND 6 VEHICLES.

25X1D

BAHIA HONDA AREA, MILITARY CAMP 2258N Ø8311W 25X1D NO APPARENT CHANGE.

CABANAS AREA, MILITARY CAMP 2256N Ø8252W

25X1D NO APPARENT CHANGE IN FACILITIES. NO VEHICLES NOTED.

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MINAS, AMMUNITION STORAGE AREA 2307N 08212W NO APPARENT CHANGE.

<sup>2</sup> 25X1D

HAVANA, AMMUNITION STORAGE AREA 2301N 08226W

NO APPARENT CHANGE.

25X1D

SANTIAGO DE LAS VEGAS AREA, MILITARY CAMP 2258N 08220W

VEHICLES -- 6 PROBABLE TANKS OBSERVED IN MAIN AREA, NUMEROUS OTHER TANKS AND VEHICLES UNDER CANVAS/ NETTING PARKED IN WOODED AREA, AND APPROXIMATELY 30 VEHICLES IN AREA TO THE NORTH.

25X1D

TORRENS, MILITARY COMPLEX 2259N Ø8228W

25X1D

NO APPARENT CHANGE IN COMPLEX OR VEHICLE COUNT.

MADRUGA, POL STORAGE 2256N Ø8149W

AREA IN HILLS NOT OBSERVED BECAUSE OF SHADOW. 25X1D

NO APPARENT CHANGE IN CLEAR AREAS.

2256N Ø8124W 25X1D LIMONAR AREA, MILITARY CAMP

NO APPARENT CHANGE SINCE 25X1D

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25X1A

MANAGUA, MILITARY CAMP 2258N Ø8217W

25X1D COUNT.

25X1A

NAZARENO, MILITARY AREA 2258N Ø8213W

25X1D

AT LEAST 22 VEHICLES OBSERVED. FOLIAGE PRECLUDES MORE ACCURATE COUNT.

GUANABO, MILITARY AREA 2310N 08203W

25X1D

ELEVEN VEHICLES OBSERVED.
NO OTHER APPARENT CHANGE SINCE

25X1D

CAMPO FLORIDA, MILITARY CAMP 2307N 08206W

25X1D

SIX CANVAS-COVERED TANKS, 7 UNCOVERED TANKS, AND 6 OPEN-BED TRUCKS OBSERVED.

BAJURAYABO, MILITARY AREA 2308N 08210W

MILITARY CAMP LOCATED AT 23-08N 082-10W AT INTERSECTION OF ROUTES 2-13 AND 2-83 AT VILLAGE OF

25X1D BAJURAYABO.

SIX FA PIECES, 16 TOWED FA PIECES BEHIND 16 TRUCKS, 20 ADDITIONAL TRUCKS, AND 7 BARRACK BUILDINGS OBSERVED.

GUANABACOA, MILITARY AREA 2307N 08215W

WESTERNMOST AREA CONTAINS 14 TOWED FIELD ARTILLERY PIECES, AT LEAST 7 PROBABLE TOWED FIELD ARTILLERY PIECES, 9 CARGO TRUCKS, 12 BARRACKS-TYPE BUILDINGS,

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3 OTHER LARGE BUILDINGS AND 4 SMALLER SUPPORT BUILDINGS.
EASTERNMOST AREA CONTAINS 12 TOWED FIELD ARTILLERY PIECES, 24 LARGE FIELD ARTILLERY PIECES, 6 ADDITIONAL TRUCKS, 18 TRACKED PRIME MOVERS, 10 OPEN-BED TRUCKS, 12 BARRACKS-TYPE BUILDINGS AND 6 SMALL SUPPORT BUILDINGS.

25X1D

MESTANZA, EXPLOSIVES STORAGE SITE 2228N Ø8347W

VEHICLES -- NONE. NO APPARENT CHANGE.

25X1D

SPECIAL AREA ALPHA 2258N Ø8227W

25X1D

NO NEW MILITARY ACTIVITY NOTED.

25X1D

SPECIAL AREA HOTEL 2301N 08246W

NO NEW MILITARY ACTIVITY NOTED.

25X1D

SPECIAL AREA BRAVO BLUE 2250N 08233W NO NEW MILITARY ACTIVITY NOTED.

SPECIAL AREA BRAVO RED 2254N Ø8231W

NO NEW MILITARY ACTIVITY NOTED.

25X1D

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25X1A

NPIC/R-1083/63 25X1A

SPECIAL AREA VICTOR 2300N 08234W

NO NEW MILITARY ACTIVITY NOTED.

25X1D

SPECIAL AREA TANGO 2258N Ø8244W

NO NEW MILITARY ACTIVITY NOTED.

25X1D

TARARA AREA, LANDING BEACH 2310N 08212W

25X1D

NO NEW MILITARY ACTIVITY NOTED.

MATANZAS LANDING BEACH 2301N 08126W

25X1D

NO NEW MILITARY ACTIVITY OBSERVED.

GUANAJAY AREA, PROBABLE MILITARY SCHOOL 2251N Ø8238W

APPROXIMATELY 76 VEHICLES AND PIECES OF EQUIPMENT PARKED IN AREA. FOLIAGE PRECLUDES FURTHER INTERPRETATION.

25X1D

PUNTA BRAVA AREA, VEHICLE PARK 2301N 08229W

1.1 NM NE OF PUNTA BRAVA. 25X1D

FIFTY-FOUR SMALL VEHICLES WHICH APPEAR SIMILAR

AT MARIEL PORT. AREA IS TO THOSE OFF-LOADED 25X1D

FENCED, BUT DOES NOT APPEAR MILITARY IN NATURE.

NPIC/R-1083/63



-STATUS OF OTHER TARGETS-

MISSION 3415 DID NOT COVER TARGETS WEST OF 84 DEGREES OR EAST OF 81 DEGREES 3Ø MINUTES WEST LONGITUDE.

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED --

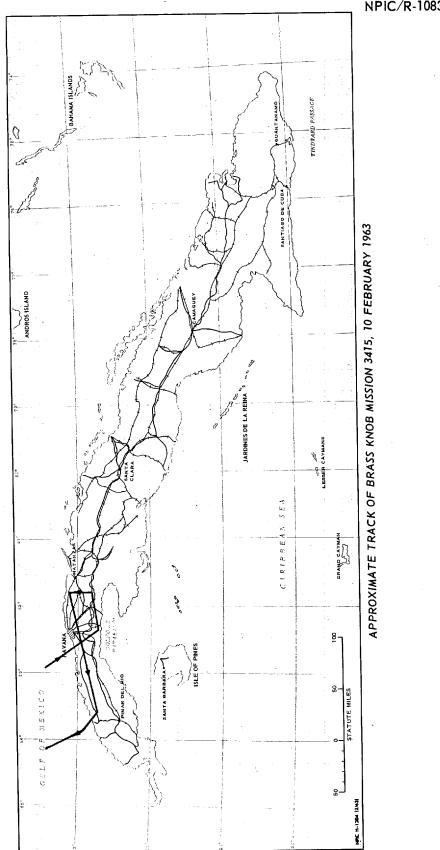
25X1A

PINAR DEL RIO SAM ASSEMBLY AREA	
LA COLOMA PORT	
PINAR DEL RIO, MILITARY CAMP	
AGUAS: CLARAS, PROB MILITARY EQUIPMENT	AREA

2221N Ø8339W 2214N Ø8334W 2223N Ø8342W 2213N Ø8323W

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